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LAB n° 0045

## TEST REPORT

Report nr.: **1803145-005**

Report date: **22-giu-18**

Acceptance code: **1803145**

Acceptance date: **08-giu-18**

Start test date: **08-giu-18**

End test date: **22-giu-18**

References: **---**

Customer code: 5485

**To:**  
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Sampling by customer  
Article description: **LINVIRA CS**  
Declared composition: **100% Trevira**  
End use: **Furnishing**  
Typology: **Fabric**  
Return: **No requested**

The results reported herein refer to the tested samples only and do not involve any product approval by Centro Tessile Serico.  
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TEST	M.U.	RESULTS
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(\*) **15066 UPHOLSTERY FURNITURE: assessment  
of the ignitability by SMOULDERING CIGARETTE**

**Method:** TB 117: 2013  
**Instrument:** Mock-up Tester

Test executed on: cover fabric

Ignition source applied:  
SMOULDERING CIGARETTE

Materials of test assembly:  
Upholstery filling: NON fire retardant polyurethane foam with a density of  
28 kg/m<sup>3</sup>  
Inner cover: -  
Outer cover: SEE ARTICLE DESCRIPTION

TEST RESULT: **SAMPLE PASSES THE TEST**

Note: to assess the ignitability of this sample, the test has been carried out using a NON fire-retardant polyurethane foam with a density of 28 kg/m<sup>3</sup> as filling of the upholstered seating. The test result could be different using another type of filling material.

Annex n.: 1F

Details of the test results related to each specimen can be seen in the annex of this test report.

(\*) = the tests marked with asterisk are not accredited by Accredia.



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LAB n° 0045

Report nr.

**1803145-005**

**TEST**

**M.U.**

**RESULTS**

----- **END OF TEST REPORT** -----

**Technical Head**

Enrica Baldini

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Annex n. 1F to test report n. 1803145-005

**DETAILS OF TEST RESULTS**

**Test executed according to TB 117:2013**

**Requirements, Test procedure and Apparatus for testing the Smolder Resistance of Materials used in Upholstered Furniture**

Sample description: **LINVIRA CS**

Declared composition: **100% Trevira**

Conditioning of test specimen and ignition source: **24 h at 21 ± 3 °C, <55% r.h.**

Testing temperature and r.h.: **24°C, 68% r.h.**

Filling specification: **NON FIRE-RETARDANT polyurethane foam with a density of 28 kg/m<sup>3</sup>**

Date of test: 12/06/2018

**Type of fabric: COVER FABRIC**

Specimen number	1	2	3
Total combustion of the cigarette (YES / NO)	YES	YES	YES
Time of progressive smouldering from placement of the source (min)	34	37	37
Size of the damage in the vertical direction (mm)	16	20	18
Mock-up test specimen transitions to open flaming (YES / NO)	NO	NO	NO
<b>CIGARETTE TEST RESULT (PASS/FAIL)</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

**Cover Fabric Classification (ref. TB 117:2013)**

A single mock-up test specimen fails to meet the requirements if any of the following criteria occurs:

- a) The mock-up test specimen continues to smolder after the 45 minute test duration;
- b) A vertical char length of more than 45 mm develops on the cover fabric
- c) The mock-up test specimen transitions to open flaming.

- 2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.
- 3. If more than one initial specimen fails, the cover fabric fails the test.
- 4. If any one of the three initial specimens fails, repeat the test on additional three specimens.
- 5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

*The following test result relate only to the ignitability of the combination of materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the material in use.*

*Upholstery cover fabrics that fail the cover fabric test described in Section 1 can be used in upholstered furniture if a barrier (interliner) material that passes the test method described in Section 2 is used. When a barrier is required, the barrier material must cover all sides and top of the seating cushion(s). Exceptions: Non-reversible and non-detachable seating cushions do not require the use of the barrier material on the underside of the seating cushion.*

**Technical Head**

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